

IB - 124/63
25 June 1963Copy 4 of 8

MEMORANDUM FOR: Chief, Resources Division, ORR

Declass Review by NGA

ATTENTION :

FROM :

Chief, CIA/PID (NPIC)

SUBJECT :

Selected Dams and Power Plants in Communist China

REFERENCES :

Requirement No. RR/342/62
Project No. C 1214/62

1. This memorandum is forwarded in answer to above mentioned requirements which concerns the location and photo analysis of three dams and a thermal power plant in Communist China.

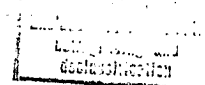
2. Of the three dams studied for this requirement, only one had a multi-purpose capability, this is the Shang-Yu Hydro Power Plant. The other two dams were probably built for flood control. The thermal power plant is located at Kuang-Chou (Canton).

3. The Shang-Yu Hydro Power Plant is located on the Chang Shui, 7 nm WNW of Shang-Yu. It is a large non-overflow gravity dam with an internal generator housing and a large substation located on its upper deck. Instead of a spillway there is a tunnel on the west bank with a large intake and outlet located above and below the dam respectively. In addition, there is a log chute along the east side of the dam. This chute is connected to log booms which run diagonally across the reservoir. There are numerous log rafts afloat on the reservoir. Much of this timber is probably used by the saw mills located downstream, just SE of the dam.

4. One of the probable reclamation dams is located 13 nm SE of Ning-Yuan on a tributary of the Leng Shui at 25° 24'N - 112° 03'E. This dam appears to be an embankment-type dam and judging from its height and shape it probably has a rock fill. The other dam, a concrete non-overflow gravity type, is situated on a tributary of the Yung-Lo Chiang, 19 nm SE of An-Jen at 26° 27'N - 113° 29'E. This dam appears to be completed, however, construction work on the log chutes and spillway was still in progress on photography [REDACTED]

5. The Kuang-Chou Thermal Power Plant Hsi-Tsun, is located on the western edge of the city at 23° 08'N - 113° 13'E. The plant appeared to be in operation on photography [REDACTED] Most of the plant facilities were concealed in shadow, however, the substation, boiler and generator building, and transmission lines were greatly accentuated by the lengths of shadows.

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7. Analyst assigned to this project was [redacted] who may be contacted directly on [redacted] should any questions arise concerning this memorandum.

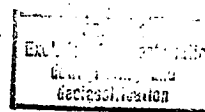
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ENCLOSURES:

4 photos (CIA/PID/IB-P-161/63-164/63)

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